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RAW SEQUENCE LISTING DATE: 08/30/2004
 PATENT APPLICATION: US/10/765,672 TIME: 14:50:11

Input Set : N:\Crif3\RULE60\10765672.raw.txt
 Output Set: N:\CRF4\08302004\J765672.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:
 5 (i) APPLICANT: Henrickson, Kelly J.
 6 Fan, Jiang (n.m.i.)
 8 (ii) TITLE OF INVENTION: VIRUS ASSAY METHOD
 10 (iii) NUMBER OF SEQUENCES: 65
 12 (iv) CORRESPONDENCE ADDRESS:
 13 (A) ADDRESSEE: Quarles & Brady
 14 (B) STREET: 411 East Wisconsin Avenue
 15 (C) CITY: Milwaukee
 16 (D) STATE: Wisconsin
 17 (E) COUNTRY: U.S.A.
 18 (F) ZIP: 53202-4497
 20 (v) COMPUTER READABLE FORM:
 21 (A) MEDIUM TYPE: Floppy disk
 22 (B) COMPUTER: IBM PC compatible
 23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
 26 (vi) CURRENT APPLICATION DATA:
 C--> 27 (A) APPLICATION NUMBER: US/10/765,672
 C--> 28 (B) FILING DATE: 27-Jan-2004
 W--> 33 (C) CLASSIFICATION:
 30 (vii) PRIOR APPLICATION DATA:
 31 (A) APPLICATION NUMBER: US/09/484,704
 32 (B) FILING DATE: 18-Jan-2000
 35 (viii) ATTORNEY/AGENT INFORMATION:
 36 (A) NAME: Baker, Jean C.
 37 (B) REGISTRATION NUMBER: 35,433
 38 (C) REFERENCE/DOCKET NUMBER: 650053.91126
 40 (ix) TELECOMMUNICATION INFORMATION:
 41 (A) TELEPHONE: (414) 277-5000
 42 (B) TELEFAX: (414) 271-3552
 45 (2) INFORMATION FOR SEQ ID NO: 1:
 47 (i) SEQUENCE CHARACTERISTICS:
 48 (A) LENGTH: 20 base pairs
 49 (B) TYPE: nucleic acid
 50 (C) STRANDEDNESS: single
 51 (D) TOPOLOGY: linear
 W--> 52 (ii) MOLECULE TYPE: oligonucleotide
 54 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 56 ATATCAAGGA CTATAAACAT
 59 (2) INFORMATION FOR SEQ ID NO: 2:
 61 (i) SEQUENCE CHARACTERISTICS:

ENTERED

20

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62          (A) LENGTH: 21 base pairs
63          (B) TYPE: nucleic acid
64          (C) STRANDEDNESS: single
65          (D) TOPOLOGY: linear
W--> 67      (ii) MOLECULE TYPE: oligonucleotide
69      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
71 TTCTGGAGAT GTCCCGTAGG A                                21
74 (2) INFORMATION FOR SEQ ID NO: 3:
76      (i) SEQUENCE CHARACTERISTICS:
77          (A) LENGTH: 34 base pairs
78          (B) TYPE: nucleic acid
79          (C) STRANDEDNESS: single
80          (D) TOPOLOGY: linear
W--> 82      (ii) MOLECULE TYPE: oligonucleotide
84      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
86 TACCTTCATT ATCAATTGGT GATGCAATAT ATGC                    34
89 (2) INFORMATION FOR SEQ ID NO: 4:
91      (i) SEQUENCE CHARACTERISTICS:
92          (A) LENGTH: 31 base pairs
93          (B) TYPE: nucleic acid
94          (C) STRANDEDNESS: single
95          (D) TOPOLOGY: linear
W--> 97      (ii) MOLECULE TYPE: oligonucleotide
99      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
101 TATTCATCAA ACTTAATCAC TCAAGGATGT G                        31
104 (2) INFORMATION FOR SEQ ID NO: 5:
106      (i) SEQUENCE CHARACTERISTICS:
107          (A) LENGTH: 23 base pairs
108          (B) TYPE: nucleic acid
109          (C) STRANDEDNESS: single
110          (D) TOPOLOGY: linear
W--> 111     (ii) MOLECULE TYPE: oligonucleotide
112     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
113 TAAATTCAGA TATGTATCCT GAT                                23
116 (2) INFORMATION FOR SEQ ID NO: 6:
118     (i) SEQUENCE CHARACTERISTICS:
119         (A) LENGTH: 25 base pairs
120         (B) TYPE: nucleic acid
121         (C) STRANDEDNESS: single
122         (D) TOPOLOGY: linear
W--> 124     (ii) MOLECULE TYPE: oligonucleotide
126     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
128 ACCTATGACA TCAACGACAA CAGGA                                25
131 (2) INFORMATION FOR SEQ ID NO: 7:
133     (i) SEQUENCE CHARACTERISTICS:
134         (A) LENGTH: 35 base pairs
135         (B) TYPE: nucleic acid
136         (C) STRANDEDNESS: single
137         (D) TOPOLOGY: linear

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W--> 139      (ii) MOLECULE TYPE: oligonucleotide
141      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
143 TGGCTAAAGA AAAGACAAGT TGTCAATGTC TTAAT                      35
146 (2) INFORMATION FOR SEQ ID NO: 8:
148      (i) SEQUENCE CHARACTERISTICS:
149          (A) LENGTH: 26 base pairs
150          (B) TYPE: nucleic acid
151          (C) STRANDEDNESS: single
152          (D) TOPOLOGY: linear

W--> 154      (ii) MOLECULE TYPE: oligonucleotide
156      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
158 GAGACTATTC CAATAACTCA AAATTA                      26
161 (2) INFORMATION FOR SEQ ID NO: 9:
162      (i) SEQUENCE CHARACTERISTICS:
163          (A) LENGTH: 20 base pairs
164          (B) TYPE: nucleic acid
165          (C) STRANDEDNESS: single
166          (D) TOPOLOGY: linear

W--> 167      (ii) MOLECULE TYPE: oligonucleotide
168      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
169 CCTATGTTGT TCAAGACAAG                      20
172 (2) INFORMATION FOR SEQ ID NO: 10:
174      (i) SEQUENCE CHARACTERISTICS:
175          (A) LENGTH: 6 amino acids
176          (B) TYPE: amino acid
177          (C) STRANDEDNESS: single
178          (D) TOPOLOGY: linear
180      (ii) MOLECULE TYPE: peptide
182      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
184 Ile Ser Arg Thr Ile Asn
185 1      5
188 (2) INFORMATION FOR SEQ ID NO: 11:
190      (i) SEQUENCE CHARACTERISTICS:
191          (A) LENGTH: 7 amino acids
192          (B) TYPE: amino acid
193          (C) STRANDEDNESS: single
194          (D) TOPOLOGY: linear
196      (ii) MOLECULE TYPE: peptide
198      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
200 Phe Trp Arg Cys Pro Val Gly
201 1      5
204 (2) INFORMATION FOR SEQ ID NO: 12:
206      (i) SEQUENCE CHARACTERISTICS:
207          (A) LENGTH: 10 amino acids
208          (B) TYPE: amino acid
209          (C) STRANDEDNESS: single
210          (D) TOPOLOGY: linear
212      (ii) MOLECULE TYPE: peptide
214      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

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216      Pro Ser Leu Ser Ile Gly Leu Ala Ile Tyr
217      1          5          10
220 (2) INFORMATION FOR SEQ ID NO: 13:
222      (i) SEQUENCE CHARACTERISTICS:
223          (A) LENGTH: 10 amino acids
224          (B) TYPE: amino acid
225          (C) STRANDEDNESS: single
226          (D) TOPOLOGY: linear
228      (ii) MOLECULE TYPE: peptide
230      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
232      Tyr Ser Ser Asn Leu Ile Thr Gln Gly Cys
233      1          5          10
236 (2) INFORMATION FOR SEQ ID NO: 14:
238      (i) SEQUENCE CHARACTERISTICS:
239          (A) LENGTH: 7 amino acids
240          (B) TYPE: amino acid
241          (C) STRANDEDNESS: single
242          (D) TOPOLOGY: linear
244      (ii) MOLECULE TYPE: peptide
246      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
248      Asn Cys Asp Met Tyr Pro Asp
249      1          5
252 (2) INFORMATION FOR SEQ ID NO: 15:
254      (i) SEQUENCE CHARACTERISTICS:
255          (A) LENGTH: 8 amino acids
256          (B) TYPE: amino acid
257          (C) STRANDEDNESS: single
258          (D) TOPOLOGY: linear
260      (ii) MOLECULE TYPE: peptide
262      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
264      Thr Tyr Asp Ile Asn Asp Asn Arg
265      1          5
268 (2) INFORMATION FOR SEQ ID NO: 16:
270      (i) SEQUENCE CHARACTERISTICS:
271          (A) LENGTH: 11 amino acids
272          (B) TYPE: amino acid
273          (C) STRANDEDNESS: single
274          (D) TOPOLOGY: linear
276      (ii) MOLECULE TYPE: peptide
278      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
280      Trp Leu Lys Lys Arg Gln Val Val Asn Val Leu
281      1          5          10
284 (2) INFORMATION FOR SEQ ID NO: 17:
286      (i) SEQUENCE CHARACTERISTICS:
287          (A) LENGTH: 8 amino acids
288          (B) TYPE: amino acid
289          (C) STRANDEDNESS: single
290          (D) TOPOLOGY: linear
292      (ii) MOLECULE TYPE: peptide

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294      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
295      Glu Thr Ile Pro Ile Thr Gln Asn
296      1           5
300 (2) INFORMATION FOR SEQ ID NO: 18:
301      (i) SEQUENCE CHARACTERISTICS:
302          (A) LENGTH: 6 amino acids
303          (B) TYPE: amino acid
304          (C) STRANDEDNESS: single
305          (D) TOPOLOGY: linear
306      (ii) MOLECULE TYPE: peptide
307      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
308      Pro Met Leu Phe Lys Thr
309      1           5
310 (2) INFORMATION FOR SEQ ID NO: 19:
311      (i) SEQUENCE CHARACTERISTICS:
312          (A) LENGTH: 27 base pairs
313          (B) TYPE: nucleic acid
314          (C) STRANDEDNESS: single
315          (D) TOPOLOGY: linear
V--> 316      (ii) MOLECULE TYPE: oligonucleotide
317      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
318      ATTTCTGGAG ATGTCCCGTA GGAGAAC                27
319 (2) INFORMATION FOR SEQ ID NO: 20:
320      (i) SEQUENCE CHARACTERISTICS:
321          (A) LENGTH: 29 base pairs
322          (B) TYPE: nucleic acid
323          (C) STRANDEDNESS: single
324          (D) TOPOLOGY: linear
V--> 325      (ii) MOLECULE TYPE: oligonucleotide
326      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
327      CACATCCTTG AGTGATTAAG TTTGATGAT                29
328 (2) INFORMATION FOR SEQ ID NO: 21:
329      (i) SEQUENCE CHARACTERISTICS:
330          (A) LENGTH: 33 base pairs
331          (B) TYPE: nucleic acid
332          (C) STRANDEDNESS: single
333          (D) TOPOLOGY: linear
V--> 334      (ii) MOLECULE TYPE: oligonucleotide
335      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
336      TACCTTCATT ATCAATTGGT GATGCAATAT ATG                33
337 (2) INFORMATION FOR SEQ ID NO: 22:
338      (i) SEQUENCE CHARACTERISTICS:
339          (A) LENGTH: 29 base pairs
340          (B) TYPE: nucleic acid
341          (C) STRANDEDNESS: single
342          (D) TOPOLOGY: linear
V--> 343      (ii) MOLECULE TYPE: oligonucleotide
344      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:
345      GTCTCATGGA TTCCGATGAT TCACAGCAA                29

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VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10765672.raw.txt

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27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
33 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)
52 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
67 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
82 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
97 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4
111 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5
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139 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7
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339 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=20
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369 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=22
384 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
399 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
414 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=25
429 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=26
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459 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=28
474 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=29
489 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=30
504 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=31
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846 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=54

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921 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=59
936 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=60
951 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=61
966 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=62
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